REMARKS

Independent claims 1, 8 and 14 have been amended to more particularly recite the arrangement of the system, which is particularly suited for installation in an existing seat/bracket design. The ferromagnetic element can be inserted below an existing bracket design with little change in the height of the seat, unlike the sensor in Kwun. In Kwun, the two coils are inserted between the seat and the floor, thus increasing the vehicle seat height. In the present design, only the ferromagnetic element is positioned between the seat bracket and the floor.

Thus, claim 1 has been amended to recite that the coils are mounted on opposite sides of the fastener. In Kwun, the coils are both mounted around the fastener below the bracket, thus increasing the height of the vehicle seat. Therefore, even if Gioutsos were modified in view of Kwun, the terms of claim 1 would not be met.

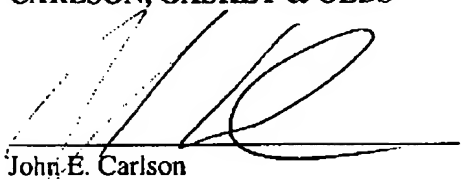
Claim 9 has been amended to recite that the first and second elements are solid ferromagnetic elements coupled between the vehicle brackets and the floor. In Kwun, the bracket is the ferromagnetic element where the strain is being measured.

Claim 14 has been amended to recite that the magnetic field from each sensor is altered by the strain in the adjacent ferromagnetic element between the magnet and the inductor. In Kwun, the ferromagnetic element is not located between the magnet and the inductor.

It is believed that no fees are due. If any additional fees are due, please charge all fees to Deposit Account No. 50-1482.

Respectfully submitted,

CARLSON, GASKEY & OLDS



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